

SEQUENCE LISTING

<110> Jacquemin, Marc  
Saint-Remy, Jean-Marie

<120> Variable antibodies

<130> 50304/112001

<140> US 10/566,851  
<141> 2006-02-01

<150> PCT/BE04/000118  
<151> 2004-08-16

<150> GB 0319118.6  
<151> 2003-08-14

<150> GB 0319345.5  
<151> 2003-08-18

<160> 38

<170> PatentIn version 3.5

<210> 1  
<211> 496  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> KRIX-1 heavy chain variable region

<220>  
<221> misc\_feature  
<222> (1)..(57)  
<223> nucleotide sequence encoding the leader sequence

<220>  
<221> misc\_feature  
<222> (133)..(192)  
<223> nucleotide sequence encoding CDR1

<220>  
<221> misc\_feature  
<222> (235)..(285)  
<223> nucleotide sequence encoding CDR2

<220>  
<221> misc\_feature  
<222> (382)..(435)  
<223> nucleotide sequence encoding CDR3

<400> 1  
atggactgga cctggaggat cctcttcttg gtggcagcag ccacaggagc ccactccag 60  
gtgcaactgg tgcaatctgg ggctgaggtg aagaagcctg gggcctcagt gaaggtctcc 120  
tgcaagacct ctggatacaa cttcacccgc tactctgctt ctggacatat cttcacccgc 180  
tactctgtgc actgggtgcg acaggcccct ggacaagggc ttgagtggat ggaaaggatc 240

aaccctaaca	gtggtgccac	agactatgca	cataaattc	aggcagggt	caccatgtcc	300
agggacacgt	ccatcagcac	agcctacatg	gaactgagca	ggctgacatc	tgacgacacg	360
gccatgtatt	actgtgcgag	agccgacaac	tatttcgata	ttgtgactgg	ctatacttct	420
cattactttg	actactgggg	ccgggaaacc	ctggtcaccg	tctcctcagc	ctccaccaag	480
ggcccatcg	g tttcc					496

<210> 2  
<211> 165  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<223> KRIX-1 heavy chain variable region

<220>  
<221> MISC\_FEATURE  
<222> (1)..(19)  
<223> leader peptide

<220>  
<221> MISC\_FEATURE  
<222> (45)..(64)  
<223> CDR1

<220>  
<221> MISC\_FEATURE  
<222> (79)..(95)  
<223> CDR2

<220>  
<221> MISC\_FEATURE  
<222> (128)..(145)  
<223> CDR3

<400> 2

Met Asp Trp Thr Trp Arg Ile Leu Phe Leu Val Ala Ala Ala Thr Gly  
1 5 10 15

Ala His Ser Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys  
20 25 30

Pro Gly Ala Ser Val Lys Val Ser Cys Lys Thr Ser Gly Tyr Asn Phe  
35 40 45

Thr Gly Tyr Ser Ala Ser Gly His Ile Phe Thr Ala Tyr Ser Val His  
50 55 60

Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly Arg Ile  
65 70 75 80

Asn Pro Asn Ser Gly Ala Thr Asp Tyr Ala His Lys Phe Gln Gly Arg  
Page 2

85	90	95
Val Thr Met Ser Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu		
100	105	110
Ser Arg Leu Thr Ser Asp Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ala		
115	120	125
Asp Asn Tyr Phe Asp Ile Val Thr Gly Tyr Thr Ser His Tyr Phe Asp		
130	135	140
Tyr Trp Gly Arg Gly Thr Leu Val Thr Val Ser Ser Ala Ser Thr Lys		
145	150	155
Gly Pro Ser Val Phe		
165		
<210> 3		
<211> 429		
<212> DNA		
<213> Homo sapiens		
<220>		
<221> misc_feature		
<223> KRIX-1 light chain variable region		
<220>		
<221> misc_feature		
<222> (1)..(60)		
<223> nucleotide sequence encoding leader peptide		
<220>		
<221> misc_feature		
<222> (130)..(165)		
<223> nucleotide sequence encoding CDR1		
<220>		
<221> misc_feature		
<222> (211)..(231)		
<223> nucleotide sequence encoding CDR2		
<220>		
<221> misc_feature		
<222> (328)..(357)		
<223> nucleotide sequence encoding CDR3		
<400> 3		
atggaaaccc cagctcagct tctttcctc ctgctactct ggctcccaga taccaccgga	60	
gaaattgtgt tgacgcagtc tccaggcacc ctgttttgt ctccaggggaa aagagccacc	120	
ctctcctgca gggccagtca gagtgttgcc agcgctact tagcctggta ccagcaaaaa	180	
cctggccagg ctccccaggtct cctcatctat ggtgcattca gttagggccac cgacatccca	240	
cacaggttca gtggcagtgg gtctgggaca gacttcactc tcaccatcag cagactggag	300	

cctgaagatt ttgcagtgt a tactgtcag caatatggta cctcagcctt actcaacttc 360  
ggcggaggga ccaaggtgga gatcaaacga actgtggctg caccatctgt cttcatcttc 420  
ccgccccatct 429

<210> 4  
<211> 143  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<223> KRIX-1 light chain variable region

<220>  
<221> MISC\_FEATURE  
<222> (1)..(20)  
<223> leader peptide

<220>  
<221> MISC\_FEATURE  
<222> (44)..(54)  
<223> CDR1

<220>  
<221> MISC\_FEATURE  
<222> (71)..(77)  
<223> CDR2

<220>  
<221> MISC\_FEATURE  
<222> (110)..(119)  
<223> CDR3

<400> 4

Met Glu Thr Pro Ala Gln Leu Leu Phe Leu Leu Leu Leu Trp Leu Pro  
1 5 10 15

Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser  
20 25 30

Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser  
35 40 45

Val Ala Ser Ala Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala  
50 55 60

Pro Arg Leu Leu Ile Tyr Gly Ala Ser Ser Arg Ala Thr Asp Ile Pro  
65 70 75 80

His Arg Phe Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile  
85 90 95

Ser Arg Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr  
Page 4

100	105	110
Gly Thr Ser Ala Leu Leu Thr Phe Gly	Gly Gly Thr Lys Val Glu Ile	
115 120	125	
Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser		
130 135	140	
<210> 5		
<211> 35		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Krix-1 heavy chain forward primer		
<400> 5		
cggggtaccc caccatggac tggacctgga ggatc		35
<210> 6		
<211> 40		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Krix-1 heavy chain reverse primer		
<400> 6		
tatggccgac gtcgactcat ttacccggag acagggagag		40
<210> 7		
<211> 34		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Krix-1 light chain forward primer		
<400> 7		
cccaagcttc caccatggaa accccagckc agct		34
<210> 8		
<211> 36		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> Krix-1 light chain reverse primer		
<400> 8		
aaacacgcctc tagactaaca ctctccccctg ttgaag		36
<210> 9		
<211> 46		
<212> DNA		
<213> Artificial Sequence		

<220>  
<223> Krix-1 forward mutagenic primer Asn47Gln  
  
<400> 9  
cctgcaagac ctctggatac caattcaccg gctactctgc ttctgg 46

<210> 10  
<211> 46  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Krix-1 reverse mutagenic primer Asn47Gln  
  
<400> 10  
ccagaaggcag agtagccggt gaatttgtat ccagaggctc tgccagg 46

<210> 11  
<211> 37  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Krix-1 forward mutagenic primer Thr49Ala  
  
<400> 11  
cctctggata caacttcgct ggctactctg cttctgg 37

<210> 12  
<211> 37  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Krix-1 reverse mutagenic primer Thr49Ala  
  
<400> 12  
ccagaaggcag agtagccagc gaagttgtat ccagagg 37

<210> 13  
<211> 46  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Krix-1 forward mutagenic primer Asn47Glu  
  
<400> 13  
cctgcaagac ctctggatac gagttcaccg gctactctgc ttctgg 46

<210> 14  
<211> 46  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Krix-1 reverse mutagenic primer Asn47Glu  
  
<400> 14

ccagaaggcag agtagccggt gaactcgtat ccagaggtct tgcagg 46

<210> 15  
<211> 46  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Krix-1 forward mutagenic primer Asn47Asp

<400> 15  
cctgcaagac ctctggatac gacttcaccg gctactctgc ttctgg 46

<210> 16  
<211> 46  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Krix-1 reverse mutagenic primer Asn47Asp

<400> 16  
ccagaaggcag agtagccggt gaagtccgtat ccagaggtct tgcagg 46

<210> 17  
<211> 45  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> scFv-KRIX-1VL forward primer

<400> 17  
gtatctctcg agaaaagaga aatttgtttt acgcagtctc caggc 45

<210> 18  
<211> 56  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> scFv-KRIX-1VL reverse primer

<400> 18  
cgccagagcc acctccgcct gaaccgcctc cacctcgttt gatctccacc ttggtc 56

<210> 19  
<211> 56  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> scFv-KRIX-1VH forward primer

<400> 19  
caggcggagg tggctctggc ggtggcggat cgccaggtmca gctgggtcag tctggg 56

<210> 20

<211> 34		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> scFv-KRIX-1VH reverse primer		
<400> 20		
gatctctaga tgaggagacg gtgaccaggg ttcc		34
<210> 21		
<211> 45		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> scFv-KRIX-1VLVH with His(6)tag forward primer		
<400> 21		
gtatctctcg agaaaagaga aatttgtttg acgcagtctc caggc		45
<210> 22		
<211> 40		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> scFv-KRIX-1VLVH with His(6)tag reverse primer		
<400> 22		
catggtcgac tgaggagacg gtgaccaggg ttccccggcc		40
<210> 23		
<211> 46		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> scFv-Asn47Gln KRIX-1VLVH(His) forward primer		
<400> 23		
cctgcaagac ctctggatac caattcaccg gctactctgc ttctgg		46
<210> 24		
<211> 46		
<212> DNA		
<213> Artificial Sequence		
<220>		
<223> scFv-Asn47Gln KRIX-1VLVH(His) reverse primer		
<400> 24		
ccagaagcag agtagccgtt gaattggat ccagaggctc tgcagg		46
<210> 25		
<211> 867		
<212> DNA		
<213> Artificial Sequence		

<220> 25  
 <223> scFv-Asn47Gln KRIX-1VLVH(His)  
  
 atggaaaccc cagcgcagct tctttccctc ctgtactct ggctcccaga taccaccgga 60  
 gaaaattgtgt tgacgcagtc tccaggcacc ctgttttgt ctccagggga aagagccacc 120  
 ctctcctgca gggccagtca gagtgttgcc agcgcctact tagcctggta ccagcaaaaa 180  
 cctggccagg ctcccaggtct cctcatctat ggtgcattca gtagggccac cgacatccca 240  
 cacaggttca gtggcagtgg gtctggaca gacttcactc tcaccatcag cagactggag 300  
 cctgaagatt ttgcagtgtta ctactgtcag caatatggta cctcagcctt actcactttc 360  
 ggcggaggga ccaaggtgga gatcaaacga ggtggaggcg gttcaggcg aggtggctct 420  
 ggcgggtggcg gatgcaggt acagctggtg cagtctgggg ctgaggtgaa gaagcctggg 480  
 gcctcagtga aggtctcctg caagacctct ggataccaat tcaccggcta ctctgcttct 540  
 ggacatatct tcaccgccta ctctgtgcac tgggtgcac aggccctgg acaagggttt 600  
 gagtggatgg gaaggatcaa ccctaacagt ggtgccacag actatgcaca taaatttcag 660  
 ggcagggtca ccatgtccag ggacacgtcc atcagcacag cctacatgga actgagcagg 720  
 ctgacatctg acgacacagc catgtattac tgtgcagag ccgacaacta tttcgatatt 780  
 gtgactggct atacttctca ttacttgac tactggggcc ggggaaccct ggtcaccgtc 840  
 tcctcacatc atcatcatca tcattga 867

<210> 26  
 <211> 288  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> scFv-Asn47Gln KRIX-1VLVH(His)

<400> 26 /  
 Met Glu Thr Pro Ala Gln Leu Leu Phe Leu Leu Leu Leu Trp Leu Pro  
 1 5 10 15

Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser  
 20 25 30

Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser  
 35 40 45

Val Ala Ser Ala Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala  
 50 55 60

Pro Arg Leu Leu Ile Tyr Gly Ala Ser Ser Arg Ala Thr Asp Ile Pro  
 65 70 75 80

His Arg Phe Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile  
 85 90 95

Ser Arg Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr  
 100 105 110

Gly Thr Ser Ala Leu Leu Thr Phe Gly Gly Gly Thr Lys Val Glu Ile  
 115 120 125

Lys Arg Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly  
 130 135 140

Ser Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys Pro Gly  
 145 150 155 160

Ala Ser Val Lys Val Ser Cys Lys Thr Ser Gly Tyr Gln Phe Thr Gly  
 165 170 175

Tyr Ser Ala Ser Gly His Ile Phe Thr Ala Tyr Ser Val His Trp Val  
 180 185 190

Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly Arg Ile Asn Pro  
 195 200 205

Asn Ser Gly Ala Thr Asp Tyr Ala His Lys Phe Gln Gly Arg Val Thr  
 210 215 220

Met Ser Arg Asp Thr Ser Ile Ser Thr Ala Tyr Met Glu Leu Ser Arg  
 225 230 235 240

Leu Thr Ser Asp Asp Thr Ala Met Tyr Tyr Cys Ala Arg Ala Asp Asn  
 245 250 255

Tyr Phe Asp Ile Val Thr Gly Tyr Thr Ser His Tyr Phe Asp Tyr Trp  
 260 265 270

Gly Arg Gly Thr Leu Val Thr Val Ser Ser His His His His His His  
 275 280 285

<210> 27  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> CHO-scFvKRIX-1VLVHQ(His) forward primer

<400> 27  
 cccaagcttg cggccaccat ggaaacccca gckcagcttc

<210> 28  
 <211> 54  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> CHO-scFvKRIX-1VLVHQ(His) reverse primer

<400> 28	54
ccggattct caatgatgat gatgatgatg tgaggagacg gtgaccaggg ttcc	

<210> 29  
 <211> 450  
 <212> DNA  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> RHD5 heavy chain variable region

<220>  
 <221> misc\_feature  
 <222> (1)..(60)  
 <223> nucleotide sequence encoding the leader peptide

<220>  
 <221> misc\_feature  
 <222> (133)..(162)  
 <223> nucleotide sequence encoding CDR1

<220>  
 <221> misc\_feature  
 <222> (205)..(255)  
 <223> nucleotide sequence encoding CDR2

<220>  
 <221> misc\_feature  
 <222> (352)..(384)  
 <223> nucleotide sequence encoding CDR3

<400> 29	60
atggactgga cctggagggtt cctctttgtg gtggcagcac ctgcaggtgt ccagtcccag	
gtgcagctgg tgcagtctgg ggctgaggtg aagaagcccg ggtcgtcggat gatggtctcc	120
tgcaaggctt ctggaggcac cttcagcagc tttggtatca gctgggtgcg acaggcccc	180
ggacaagggc ttgagtggtt gggagggatc atccctatct ttggtagacaa aaacaccgca	240
cggaaacctcc agaatagagt caccattacc gcggacgaat tcacgagcac agcctacata	300
cgactgagga gcctgagatc tgaagatacg gccgtgtatt actgtgtcgg cggtcgagat	360
gcctacagct ttgatggttt tgatgtctgg ggccaaggga caatggtcac cgtctttca	420
gcctccacca agggccccatc ggtcttcccc	450

<210> 30  
 <211> 150  
 <212> PRT

<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<223> RHD5 heavy chain variable region

<220>  
<221> MISC\_FEATURE  
<222> (1)..(20)  
<223> Leader peptide

<220>  
<221> MISC\_FEATURE  
<222> (45)..(54)  
<223> CDR1

<220>  
<221> MISC\_FEATURE  
<222> (69)..(85)  
<223> CDR2

<220>  
<221> MISC\_FEATURE  
<222> (118)..(128)  
<223> CDR3

<400> 30

Met Asp Trp Thr Trp Arg Phe Leu Phe Val Val Ala Ala Ala Ala Gly  
1 5 10 15

Val Gln Ser Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys  
20 25 30

Pro Gly Ser Ser Val Met Val Ser Cys Lys Ala Ser Gly Gly Thr Phe  
35 40 45

Ser Ser Phe Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Gln Gly Leu  
50 55 60

Glu Trp Val Gly Gly Ile Ile Pro Ile Phe Gly Thr Ala Asn Thr Ala  
65 70 75 80

Arg Asn Phe Gln Asn Arg Val Thr Ile Thr Ala Asp Glu Phe Thr Ser  
85 90 95

Thr Ala Tyr Ile Arg Leu Arg Ser Leu Arg Ser Glu Asp Thr Ala Val  
100 105 110

Tyr Tyr Cys Val Gly Gly Arg Asp Ala Tyr Ser Phe Asp Gly Phe Asp  
115 120 125

Val Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser Ala Ser Thr Lys  
130 135 140

Gly Pro Ser Val Phe Pro  
145 150

<210> 31  
<211> 420  
<212> DNA  
<213> Homo sapiens

<220>  
<221> misc\_feature  
<223> RHD5 light chain variable region

<220>  
<221> misc\_feature  
<222> (1)..(60)  
<223> nucleotide sequence encoding leader peptide

<220>  
<221> misc\_feature  
<222> (124)..(156)  
<223> nucleotide sequence encoding CDR1

<220>  
<221> misc\_feature  
<222> (202)..(222)  
<223> nucleotide sequence encoding CDR2

<220>  
<221> misc\_feature  
<222> (316)..(348)  
<223> nucleotide sequence encoding CDR3

<400> 31 atggcatgga tccctctttt cctcgccgtc cttgtttact gcacaggatc cgtggcctcc 60  
tctgggctga ctcagccaca ctcagtgtcc gtgtccccag gacagacagc caacatcacc 120  
tgctcttagag ataagttggg tcataaaattt gcttccttgtt atcaacagaa gccaggccag 180  
tccccctgctc ttctcatcta tcaagacagc aagcggccct cagggatccc tgagcgattc 240  
tctggctcca actctggaa cacagccact ctgaccatca gcgggaccca ggctatggat 300  
gaggctgact attactgtca ggcgtggac aacaccactg ccgtattcgg cggagggacc 360  
aagttgacag tcctaagtca gcccaaggct gccccctcgg tcactctgtt cccgcccctcc 420

<210> 32  
<211> 140  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<223> RHD5 light chain variable region

<220>  
<221> MISC\_FEATURE  
<222> (1)..(20)

<223> leader peptide

<220>

<221> MISC\_FEATURE  
<222> (42)..(52)  
<223> CDR1

<220>

<221> MISC\_FEATURE  
<222> (68)..(74)  
<223> CDR2

<220>

<221> MISC\_FEATURE  
<222> (106)..(116)  
<223> CDR3

<400> 32

Met Ala Trp Ile Pro Leu Phe Leu Gly Val Leu Val Tyr Cys Thr Gly  
1 5 10 15

Ser Val Ala Ser Ser Gly Leu Thr Gln Pro His Ser Val Ser Val Ser  
20 25 30

Pro Gly Gln Thr Ala Asn Ile Thr Cys Ser Arg Asp Lys Leu Gly His  
35 40 45

Lys Phe Ala Ser Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Ala Leu  
50 55 60

Leu Ile Tyr Gln Asp Ser Lys Arg Pro Ser Gly Ile Pro Glu Arg Phe  
65 70 75 80

Ser Gly Ser Asn Ser Gly Asn Thr Ala Thr Leu Thr Ile Ser Gly Thr  
85 90 95

Gln Ala Met Asp Glu Ala Asp Tyr Tyr Cys Gln Ala Trp Asp Asn Thr  
100 105 110

Thr Ala Val Phe Gly Gly Thr Lys Leu Thr Val Leu Ser Gln Pro  
115 120 125

Lys Ala Ala Pro Ser Val Thr Leu Phe Pro Pro Ser  
130 135 140

<210> 33

<211> 20

<212> PRT

<213> Homo sapiens

<220>

<221> MISC\_FEATURE

<223> KRIX-1 heavy chain CDR1

<400> 33

Gly Tyr Asn Phe Thr Gly Tyr Ser Ala Ser Gly His Ile Phe Thr Ala  
1 5 10 15

Tyr Ser Val His  
20

<210> 34  
<211> 17  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<223> KRIX-1 heavy chain CDR2

<400> 34

Arg Ile Asn Pro Asn Ser Gly Ala Thr Asp Tyr Ala His Lys Phe Gln  
1 5 10 15

Gly

<210> 35  
<211> 18  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<223> KRIX-1 heavy chain CDR3

<400> 35

Ala Asp Asn Tyr Phe Asp Ile Val Thr Gly Tyr Thr Ser His Tyr Phe  
1 5 10 15

Asp Tyr

<210> 36  
<211> 12  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<223> KRIX-1 light chain CDR1

<400> 36

Arg Ala Ser Gln Ser Val Ala Ser Ala Tyr Leu Ala

1

5

10

<210> 37  
<211> 7  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<223> KRIX-1 light chain CDR2

<400> 37

Gly Ala Ser Ser Arg Ala Thr  
1 5

<210> 38  
<211> 10  
<212> PRT  
<213> Homo sapiens

<220>  
<221> MISC\_FEATURE  
<223> KRIX-1 light chain CDR3

<400> 38

Gln Gln Tyr Gly Thr Ser Ala Leu Leu Thr  
1 5 10